

JIG FOR ELECTROPLATING PISTON AND ELECTROPLATING METHOD USING IT

Patent Number: JP6101567
Publication date: 1994-04-12
Inventor(s): KOTAKE TATSUO; others: 01
Applicant(s): RIKEN CORP; others: 01
Requested Patent:  JP6101567
Application Number: JP19920253429 19920831
Priority Number(s):
IPC Classification: F02F3/10; C25D5/02; C25D7/00
EC Classification:
Equivalents:

Abstract

PURPOSE: To provide a jig for electroplating only the top land and the skirt portion of an aluminum piston for use in an internal combustion engine and a low-cost electroplating method which uses the jig.

CONSTITUTION: A piston is inserted from a piston crown into a jig 11 comprising a head cap 12 to which the crown surface of the piston abuts, a masking ring 12 covering ring grooves and a land portion located between the grooves, and a joint 14 for holding the cap and the ring 13 at an interval equal to the width of a top land, and then the piston crown is made to abut to the head cap and a vinyl chloride band or a round wire 16 is wound to the outer peripheral surface of the masking ring 13 for insulation and electroplating is performed.

Data supplied from the esp@cenet database - I2